

# Full-stack Web Development to Support Coral Reef Conservation



Project Title	Full-stack Web Development to Support Coral Reef Conservation
Project Summary	Design and develop a website to host content and training materials for staff, volunteers, and special recognition programs within Florida Keys National Marine Sanctuary
Country	United States

## Project Description

"Florida Keys National Marine Sanctuary has a great need for training staff, volunteers, and interested members of the public.. Due to the large scale of the site, an online training program is vital to our ability to reach out remotely and ensure a standard of knowledge. As a virtual intern, you will write maintainable code that makes a difference today and can be expanded upon in the future. You will work with a very small team and help make implementation and design choices. The current site is being written using the MEVN stack (Mongo, Express, Node, Vue). Being familiar with these technologies and web standards like HTML and CSS are is helpful, but apply if you are interested anyway. Use this as an opportunity to experiment with accessibility, PWAs, SPAs, and other techniques to bring a full-stack application to life.

The website will be a series of modules with associated quizzes, with basic user authentication. Administrators will use basic CRUD operations to maintain content.

## Required Skills or Interests

### Skill(s)

Data visualization

Software development

Website design

## Additional Information

Experience with web development ideas and concepts. Familiarity with Node, Vue, Mongo, Express, git, and TailwindCSS. Interns will be working remotely and collaboratively with FKNMS staff and other interns. Must

have their own computer access.

**Language Requirements**

*None*